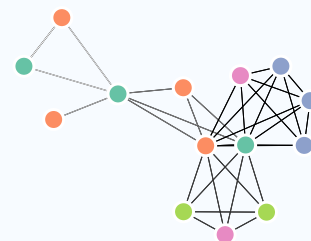


ALBERT FRADERA SOLA

I consider myself as a multi-task and open-minded person. I enjoy having excellent relationship with my colleagues and I can easily adapt to different and new projects. I am very committed to my work and I always try to give the maximum performance in order to achieve the best results. My ambition and optimism are my strengths to achieve my challenges.



EDUCATION

- Current
|
2018
- **PhD. Candidate, Quantitative Proteomics**
JGU University 📍 Mainz, Germany
 - Working on quantitative proteomics, with a focus on RNA-Protein interactions
- 2018
|
2016
- **MSc in Omics Data Analysis**
University of Vic 📍 Barcelona, Spain
 - Master thesis: Development of a scoring function for finding differential expression - application to *Lolium Perenne*
 - Erasmus + grant fellow
- 2016
|
2011
- **Bachelor in Biochemistry**
University of Barcelona 📍 Barcelona, Spain
 - Bachelor thesis: NMR studies on IDP proteins - application to alpha synuclein
 - Erasmus + grant fellow

ONLINE EDUCATION

- Current
|
2020
- **Practical Machine learning course**
Coursera, Johns Hopkins University
 - Part 3 of the data science specialization
- 2020
- **Statistical Inference course**
Coursera, Johns Hopkins University
 - Part 1 of the data science specialization
 - <https://coursera.org/share/b7d93b26dd10fa7719ed0ca7c7d3f470>
- 2020
- **Regression Models course**
Coursera, Johns Hopkins University
 - Part 2 of the data science specialization
 - <https://coursera.org/share/df577759d0cb2659bca31f8669a0815>

View this CV online with links at
<https://github.com/AFraderaSola/CV/>

CONTACT

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🌐 github.com/AFraderaSola

🔗 imb.de/research/butter

🆔 orcid.org/0000-0002-4780-9312



[stackoverflow.com/users/9634765/](https://stackoverflow.com/users/9634765/fraderasola)

fraderasola

SOFTWARE SKILLS



Made with the R packages
[pagedown](#) and [datadrivencv](#).

The source code is available on
github.com/AFraderaSola/CV/.

Last updated on 2020-06-28.



RESEARCH EXPERIENCE

Current
|
2018



PhD Student

Butter laboratory - IMB (JGU university)

📍 Mainz, Germany

- PhD student with Dr. Falk Butter (F.Butter@imb-mainz.de)
- Genomics (RNAseq, ChIPseq) and proteomics data management, analysis and integration.
- Project 1: Multi-species characterization of the RNA binding proteins interactome

2018



Research assistant

Butter laboratory - IMB (JGU university)

📍 Mainz, Germany

- Research assistant with Dr. Falk Butter (F.Butter@imb-mainz.de)
- Genomics (RNAseq, ChIPseq) data management, analysis and integration.

2017



Master student

Narcs Fernandez-Fuentes - IBERS (Aberystwyth University)

📍 Aberystwyth, UK

- MSc student with Dr. Narcs Fernandez-Fuentes (naf4@aber.ac.uk)
- Development of a scoring function for assessing transcriptome differential expression on *Lolium Perenne*
- Publications: one first-author paper

2016
|
2015



Bachelor student

Konrat laboratory - MFPL (Universitt Wien)

📍 Vienna, Austria

- BSc student with Dr. Robert Konrat (Robert.Konrat@univie.ac.at)
- Recording and Analysis of NMR Spectroscopic Data

Using multiomics tools to integrate different research disciplines, with a special focus on RNA-Protein interactions



SELECTED PUBLICATIONS

2020



Characterization of the Novel Mitochondrial Genome Segregation Factor TAP110 in *Trypanosoma brucei*

bioRxiv

- Co-author with Simona Amodeo, Ana Kalichava, Eloise Bertiaux, Paul Guichard, Falk Butter and Torsten Ochsenreiter
- <https://www.biorxiv.org/content/10.1101/2020.06.25.171090v1>

2019



Differential gene expression and gene ontologies associated with increasing water-stress in leaf and root transcriptomes of perennial ryegrass (*Lolium perenne*)

PLOS one

- Authored with Ann Thomas, Ian Armstead, Narcis Fernandez-Fuentes
- <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0220518>



CONFERENCES, TALKS AND POSTERS

2019



Workshop on chromatin proteomics

FEBS advanced course

📍 Heraklion, Greece

- Conference attendance and poster presentation
- Mass spectrometry based quantitative proteomics to systematically characterize long non-coding RNAs

2019



Chromosome territories and nuclear architecture

IMB conference

📍 Mainz, Germany

- Conference attendance and organization helper